

12/20/01

JC997  
U.S. PTO

01-03-02

PTO/SB/05 (03-01) *Bob*  
Applicable for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
*See*

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	2000.605 US
First Inventor	JACOBS ET AL.
Title	LAWSONIA INTRACELLULARIS VACCINE
Express Mail Label No.	EL400659261US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 31]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 2 ]

5. Oath or Declaration [ Total Pages 2 ]

a.  Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))

b.  (for continuation/divisional with Box 18 completed)

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: Version with markings to show changes made

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation    Divisional    Continuation-in-part (CIP)

of prior application No. /

Prior application Information:

Examiner: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	Insert Customer No. or Bar Code Label Here		<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name	William M. Blackstone		
Address	Intervet Inc., Patent Department		
	405 State Street		
City	Millsboro	State	DE
Country	US	Telephone	302-933-4034
Fax	302-934-4242		

Name (Print/Type)	William M. Blackstone	Registration No. (Attorney/Agent)	
Signature	<i>W.M. Blackstone</i>		Date 12/20/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1516.00)

Complete if Known	
Application Number	To be assigned
Filing Date	12/20/2001
First Named Inventor	JACOBS, A.A.C. et al.
Examiner Name	To be assigned
Group Art Unit	To be
Attorney Docket No.	2000.605 US

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 02-2334

Deposit Account Name Akzo Nobel Patent

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.272.  Payment Enclosed: Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$ Fee Code (\$ Fee Description

Fee Paid

101 740 201 370 Utility filing fee

740.00

106 330 206 165 Design filing fee

107 510 207 255 Plant filing fee

108 740 208 370 Reissue filing fee

114 160 214 80 Provisional filing fee

SUBTOTAL (1) (\$ 740.00)

## 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	36	-20** = 16 x 18.00	= 288.00
Independent Claims	5	-3** = 2 x 84.00	= 168.00
Multiple Dependent			280.00 = 280.00

Large Entity Small Entity

Fee Code (\$ Fee Code (\$ Fee Description

103 18 203 9 Claims in excess of 20

102 84 202 42 Independent claims in excess of 3

104 280 204 140 Multiple dependent claim, if not paid

109 84 209 42 \*\* Reissue independent claims over original patent

110 18 210 9 \*\* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 736.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

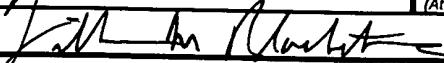
## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$	Fee Code (\$	Fee Description	
105 130	205	65 Surcharge - late filing fee or oath	
127 50	227	25 Surcharge - late provisional filing fee or cover sheet	
139 130	139	130 Non-English specification	
147 2,520	147	2,520 For filing a request for ex parte reexamination	
112 920*	112	920* Requesting publication of SIR prior to Examiner action	
113 1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115 110	215	55 Extension for reply within first month	
116 400	216	200 Extension for reply within second month	
117 920	217	460 Extension for reply within third month	
118 1,440	218	720 Extension for reply within fourth month	
128 1,960	228	980 Extension for reply within fifth month	
119 320	219	160 Notice of Appeal	
120 320	220	160 Filing a brief in support of an appeal	
121 280	221	140 Request for oral hearing	
138 1,510	138	1,510 Petition to institute a public use proceeding	
140 110	240	55 Petition to revive - unavoidable	
141 1,280	241	640 Petition to revive - unintentional	
142 1,280	242	640 Utility issue fee (or reissue)	
143 460	243	230 Design issue fee	
144 620	244	310 Plant issue fee	
122 130	122	130 Petitions to the Commissioner	
123 50	123	50 Processing fee under 37 CFR 1.17(q)	
126 180	126	180 Submission of Information Disclosure Stmt	
581 40	581	40 Recording each patent assignment per property (times number of properties)	40.00
146 740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279	370 Request for Continued Examination (RCE)	
169 900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	William M. Blackstone	Registration No. (Attorney/Agent)	29,772	Telephone	302-933-4034
Signature				Date	12/20/01

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